

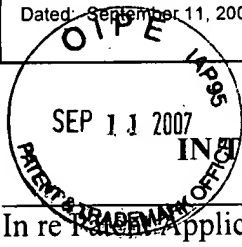
I hereby certify that this paper is being deposited with the U.S. Postal Service via Express Mail Label No. EV513653336US to MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Dated: September 11, 2007

Signature:

Valerie Cohen
(Valerie Cohen)

Docket No.: 223002101200
(PATENT)



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Claire M. FRASER et al.

Application No.: 09/674,546

Confirmation No.: 9020

Filed: April 30, 1999

Art Unit: 1645

For: NEISSERIA MENINGITIDIS ANTIGENS AND
COMPOSITIONS

Examiner: S. Devi

SUBMITTAL OF COMPACT DISC OF SEQUENCE LISTING (37 CFR 1.52(e))

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

The U.S. Patent and Trademark Office has taken the position that the previous "Sequence Listing" does not comply with the requirement under 37 CFR 1.821 through 1.825. Submitted herewith in lieu of a paper copy of the Sequence Listing and in accordance with 37 CFR 1.52(e) are two (2) substitute copies of CD-R compact discs, labeled Copy 1 and Copy 2, of the Sequence Listing. The two compact discs are identical. No new matter has been added to the substitute Sequence Listing.

Also submitted is one (1) CD-R containing the computer readable form (CRF) of the Sequence Listing in accordance with 37 CFR 1.824.

The compact discs are formatted from an IBM-PC and are compatible with MS-Window. The compact discs contain the following file: SEQLIST223002101200.txt, containing 6,236 KB. This file was created on August 23, 2007. The Sequence Listing contained on the enclosed CDs is understood to comply with the requirements of 37 CFR 1.52 and 37 CFR 1.821-1.825. In accordance with 37 CFR 1.821(f), I hereby state that as required by 37 CFR 1.821(e) the content of the computer readable form is identical to the content of the CD-R compact discs.

In the unlikely event that the Patent Office determines that an extension and/or other relief is required as a result of this statement, Applicants petition for any required relief including extensions of time and authorize the Assistant Commissioner to charge the cost of such petitions and/or other fees due to our **Deposit account no. 03-1952** referencing **223002101200**. However, the Assistant Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: September 11, 2007

Respectfully submitted,

By 
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